

## WEST Search History for Application 10534858

**Creation Date: 2008071606:22**

Query	DB	Op.	Plur.	Thes.	Date
steel and (c or carbon) and (si or silicon) and (mn or manganese) and (s or sulfur) and (n or nitrogen) and (b or boron)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		03-20-2008
(steel and (c or carbon) and (si or silicon) and (mn or manganese) and (s or sulfur) and (n or nitrogen) and (b or boron) ) and 420/87.ccls.	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		03-20-2008
(steel and (c or carbon) and (si or silicon) and (mn or manganese) and (s or sulfur) and (n or nitrogen) and (b or boron) ) and 420/120-121.ccls.	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		03-20-2008
(steel and (c or carbon) and (si or silicon) and (mn or manganese) and (s or sulfur) and (n or nitrogen) and (b or boron) ) and 420/128.ccls.	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		03-20-2008
(steel and (c or carbon) and (si or silicon) and (mn or manganese) and (s or sulfur) and (n or nitrogen) and (b or boron) ) and 148/320.ccls.	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		03-20-2008
(steel and (c or carbon) and (si or silicon) and (mn or manganese) and (s or sulfur) and (n or nitrogen) and (b or boron) ) and 148/328.ccls.	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		03-20-2008
(steel and (c or carbon) and (si or silicon) and (mn or manganese) and (s or sulfur) and (n or nitrogen) and (b or boron) ) and 148/330-335.ccls.	PGPB, USPT, USOC, EPAB,	OR	YES		03-20-2008

	JPAB, DWPI				
(steel and (c or carbon) and (si or silicon) and (mn or manganese) and (s or sulfur) and (n or nitrogen) and (b or boron) and 148/330-335.ccls. ) and (mns or sulfide)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		03-20-2008
(steel and (c or carbon) and (si or silicon) and (mn or manganese) and (s or sulfur) and (n or nitrogen) and (b or boron) and 148/330-335.ccls. and (mns or sulfide) ) and (machinability or machining)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		03-20-2008
(steel and (c or carbon) and (si or silicon) and (mn or manganese) and (s or sulfur) and (n or nitrogen) and (b or boron) and 148/320.ccls. ) and (mns or sulfide)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		03-20-2008
(steel and (c or carbon) and (si or silicon) and (mn or manganese) and (s or sulfur) and (n or nitrogen) and (b or boron) and 148/320.ccls. and (mns or sulfide) ) and (machining or machinability)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		03-20-2008
(steel and (c or carbon) and (si or silicon) and (mn or manganese) and (s or sulfur) and (n or nitrogen) and (b or boron) and 148/328.ccls. ) and (mns or sulfide)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		03-20-2008
steel same (c or carbon) same (si or silicon) same (mn or manganese) same (s or sulfur) same (n or nitrogen) same (b or boron)	EPAB, JPAB, DWPI	OR	YES		03-20-2008
(steel same (c or carbon) same (si or silicon) same (mn or manganese) same (s or sulfur) same (n or nitrogen) same (b or boron) ) same mns	EPAB, JPAB, DWPI	OR	YES		03-20-2008
(steel same (c or carbon) same (si or silicon) same (mn or manganese) same (s or sulfur) same (n or nitrogen) same (b or boron) same mns )	EPAB, JPAB, DWPI	OR	YES		03-20-2008
(steel same (c or carbon) same (si or silicon) same (mn or manganese) same (s or sulfur) same (n or nitrogen) same (b or boron) same mns ) and (machining or	EPAB, JPAB, DWPI	OR	YES		03-20-2008

machinability)					
(s or sulfur) and (boron or b)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		07-16-2008
((s or sulfur) and (boron or b) ) and 420/87.ccls.	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		07-16-2008
((s or sulfur) and (boron or b) ) and 420/88.ccls.	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		07-16-2008
((s or sulfur) and (boron or b) ) and 420/120-121.ccls.	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		07-16-2008
((s or sulfur) and (boron or b) and 420/120-121.ccls. ) and (p or phosphorus) and (mn or manganese) and (n or nitrogen)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		07-16-2008
((s or sulfur) and (boron or b) ) and 420/128.ccls.	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		07-16-2008
(s or sulfur) and (b or boron) and (p or phosphorous or phosphorus) and (n or nitrogen)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		07-16-2008
((s or sulfur) and (b or boron) and (p or phosphorous or phosphorus) and (n or nitrogen) ) and steel and (si or	PGPB, USPT,	OR	YES		07-16-2008

silicon) and (mn or manganese)	USOC, EPAB, JPAB, DWPI				
((s or sulfur) and (b or boron) and (p or phosphorous or phosphorus) and (n or nitrogen) and steel and (si or silicon) and (mn or manganese) ) and 148/320.ccls.	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		07-16-2008
((s or sulfur) and (b or boron) and (p or phosphorous or phosphorus) and (n or nitrogen) and steel and (si or silicon) and (mn or manganese) and 148/320.ccls. ) and (o or oxygen or o2)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		07-16-2008
((s or sulfur) and (b or boron) and (p or phosphorous or phosphorus) and (n or nitrogen) and steel and (si or silicon) and (mn or manganese) and 148/320.ccls. and (o or oxygen or o2) ) and bn or mns	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		07-16-2008
((s or sulfur) and (b or boron) and (p or phosphorous or phosphorus) and (n or nitrogen) and steel and (si or silicon) and (mn or manganese) and 148/320.ccls. and (o or oxygen or o2) ) and (boron near nitride)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		07-16-2008
((s or sulfur) and (b or boron) and (p or phosphorous or phosphorus) and (n or nitrogen) and steel and (si or silicon) and (mn or manganese) and 148/320.ccls. and (o or oxygen or o2) ) and ((mn or manganese) near suflide)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		07-16-2008
((s or sulfur) and (b or boron) and (p or phosphorous or phosphorus) and (n or nitrogen) and steel and (si or silicon) and (mn or manganese) and 148/320.ccls. and (o or oxygen or o2) ) and ((mn or manganese) near sulfidee)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		07-16-2008
((s or sulfur) and (b or boron) and (p or phosphorous or phosphorus) and (n or nitrogen) and steel and (si or silicon) and (mn or manganese) and 148/320.ccls. and (o or oxygen or o2) ) and ((mn or manganese) near sulfide)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		07-16-2008

((s or sulfur) and (b or boron) and (p or phosphorous or phosphorus) and (n or nitrogen) and steel and (si or silicon) and (mn or manganese) ) and 148/330.ccls.	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		07-16-2008
((s or sulfur) and (b or boron) and (p or phosphorous or phosphorus) and (n or nitrogen) and steel and (si or silicon) and (mn or manganese) ) and 148/328.ccls.	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		07-16-2008
steel same (c or carbon) same (si or silicon) same (mn or manganese) same (p or phosphorous or phosphorus) same (n or nitrogen) and (o or o2 or oxygen)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		07-16-2008
(steel same (c or carbon) same (si or silicon) same (mn or manganese) same (p or phosphorous or phosphorus) same (n or nitrogen) and (o or o2 or oxygen) ) same (mns)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		07-16-2008
(steel same (c or carbon) same (si or silicon) same (mn or manganese) same (p or phosphorous or phosphorus) same (n or nitrogen) and (o or o2 or oxygen) ) same (sulfide)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		07-16-2008
(steel same (c or carbon) same (si or silicon) same (mn or manganese) same (p or phosphorous or phosphorus) same (n or nitrogen) and (o or o2 or oxygen) ) same (sulfide)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		07-16-2008
steel same (c or carbon) same (si or silicon) same (mn or manganese) same (p or phosphorous or phosphorus) same (n or nitrogen) same (o or o2 or oxygen)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		07-16-2008
(steel same (c or carbon) same (si or silicon) same (mn or manganese) same (p or phosphorous or phosphorus) same (n or nitrogen) same (o or o2 or oxygen) ) same (machinability or machining)	PGPB, USPT, USOC, EPAB,	OR	YES		07-16-2008

	JPAB, DWPI				
(steel same (c or carbon) same (si or silicon) same (mn or manganese) same (p or phosphorous or phosphorus) same (n or nitrogen) same (o or o2 or oxygen) same (machinability or machining) )	EPAB, JPAB, DWPI	OR	YES		07-16-2008
(steel same (c or carbon) same (si or silicon) same (mn or manganese) same (p or phosphorous or phosphorus) same (n or nitrogen) same (o or o2 or oxygen) ) and mns	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		07-16-2008
(steel same (c or carbon) same (si or silicon) same (mn or manganese) same (p or phosphorous or phosphorus) same (n or nitrogen) same (o or o2 or oxygen) and mns ) same bn	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		07-16-2008
(steel same (c or carbon) same (si or silicon) same (mn or manganese) same (p or phosphorous or phosphorus) same (n or nitrogen) same (o or o2 or oxygen) ) same mns	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		07-16-2008
(steel same (c or carbon) same (si or silicon) same (mn or manganese) same (p or phosphorous or phosphorus) same (n or nitrogen) same (o or o2 or oxygen) same mns ) same bn	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		07-16-2008
( (steel same (c or carbon) same (si or silicon) same (mn or manganese) same (p or phosphorous or phosphorus) same (n or nitrogen) same (o or o2 or oxygen) same mns ) ) and (manganese near sulfide)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		07-16-2008